MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PRO FORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI PROJECT

(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)

Mini Project Proposal No : _____ *(Filled by the Department)*	Academic Year : 2021-2022 Year of Admission : 2020

1. Title of the Project : Graphical Password Authentication System by Using Pass Point Scheme
2.
3. _____
4. Name of the Guide : Mr.Nowshad C V
5. Number of the Student: MES20MCA-2056
6. Student Details (in BLOCK LETTERS)

	Name	Roll Number	Signature
1.	Sushna	56	

Date:01/12/2021

Approval Status : Approved / Not Approved_

Signature of Committee Members

Comments of The Mini Project Guide Dated Signature

Initial Submission :

First Review :

Second Review :

Comments of The Project Coordinator Dated Signature

Initial

Submission:

First Review

Second Review

Final Comments
:

Dated Signature of HOD

Graphical Password Authentication System by Using Pass Point Scheme

Sushna

Introduction:

Authentication is the first line of defence against compromising confidentiality and integrity. Alphanumerical usernames and passwords are the most common method of computer authentication. This method has many drawbacks. Usually people use passwords that can be easily guessed, so that it does not becomes hard to remember. Hence to encounter this problem, researchers have developed graphical password authentication methods that use pictures as passwords. Graphical passwords are an alternative to text-based passwords where user is asked to recall an image or parts of an image instead of a word. We are further discussing new and more secure graphical password system called pass points. In pass points system users can create many points click sequence on a background image. The graphical password is new technique which is more secure than text-based passwords. In graphical passwords, sequence of clicks is generated to derive the password. The click events are performed on same image or different image. Or users can also select sequence of images. In this system there are four main modules namely, Image submission, Image Password Point Mark, Pixel Tolerance Calculation and Authentication. Users can submit image then he/she can click on the image to create a password then the system pixel tolerance calculates each pixel around. And then while authenticating user needs to click within the tolerances in the correct sequences.

Problem Definition:

In graphical password authentication system by using pass point,users can create many points click sequence on a background image. The graphical password is new technique which is more secure than text-based passwords. ... Users can submit image then he/she can click on the image to create a password then the system pixel tolerance calculates each pixel around.

Basic functionalities:

Graphical passwords provide a promising alternative to traditional alphanumeric passwords. They are attractive since people usually remember pictures better than words. In this extended abstract, we propose a simple graphical password authentication system. We describe its operation with some examples, and highlight important aspects of the system.

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Tools / Platform, Hardware and Software Requirements:

Python based Deep Learning libraries will be exploited for the development and experimentation of the project. Tools such as Anaconda Python, and python libraries will be utilized for this process.

Hardware Requirements:

I5 processor based computer,internet connection

Software Requirements:

Windows 8 or higher,python